

10658355 A  
**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	406450	DNA OR RNA OR "nucleic acids" OR oligonucleotides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:51
L2	735268	encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:51
L3	132373	(L1 near7 L2) AND protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:52
L4	40382	site directed mutagenesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/11/27 10:52
L5	2195	single mutation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:52
L6	903	I3 AND L4 AND L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:52
L7	762	I6 AND "host cells"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:53
L8	0	I4 near I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:53
L9	8	I4 near8 I5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:54

10658355

## EAST Search History

L10	2909	single near8 l4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:54
L11	101	l10 AND l7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:54
L12	3	l11 AND l4.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:56
L13	1	("6548640").PN.	USPAT; USOCR	OR	OFF	2007/11/27 10:56

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40382	site directed mutagenesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/11/27 10:43
L2	585103	protein	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L3	720	L1 L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L4	677568	protein peptide polypeptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L5	840	L1 L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L6	450356	oligonucleotide gene nucleotide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L7	831	L5 L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L8	5	L5 L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L9	2068153	cell cellular	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43

10658355

## EAST Search History

L10	828	L7 L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L11	5	L7 L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L12	115508	computational silico	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L13	437606	experimental empirical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L14	23410	L12 L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L15	70	L10 L14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L16	211	culturing chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L17	145	culturing chamber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:43
L18	35408	petri dish	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:43
L19	35538	L17 L18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43

10658355

## EAST Search History

L20	7879	cell\$4 image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L21	1	L19 L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L22	251	L19 L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L23	248	L18 L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L24	5	L16 L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L25	11713	mitosis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L26	534700	cell\$4 division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L27	33470	cell\$4 division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:43
L28	68913	cell\$4 proliferation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:43
L29	89676	L27 L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43

10658355

## EAST Search History

L30	93550	L27 L28 L25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/27 10:43
L31	110	L30 L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L32	91	L31 area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L33	17787	projected area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/27 10:43
L34	2	L31 L33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L35	1	("6312952").PN.	USPAT; USOCR	OR	OFF	2007/11/27 10:43
L36	17931	cell area	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/11/27 10:43
L37	1281097	measurement	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	OFF	2007/11/27 10:43
L38	10	L36 L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2007/11/27 10:43
L39	520334	proliferation reproduction mitosis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:43

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## EAST Search History

L40	799	L36 L39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2007/11/27 10:43
L41	1	L36 L39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2007/11/27 10:43
L42	203452	("435").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:43
L43	46783	("702").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:43
L44	0	("I0008I9").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:43
L45	246927	L42 L43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/27 10:43
L46	255	L40 L45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2007/11/27 10:43
L47	117	L46 L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2007/11/27 10:43
L48	3305994	image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L49	99	L47 L48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43

10658355

## EAST Search History

L50	1	("4453266").PN.	USPAT; USOCR	OR	OFF	2007/11/27 10:43
L51	2	(("4453266") or ("5486457")).PN.	USPAT; USOCR	OR	OFF	2007/11/27 10:43
L52	39	oligonucleotide clusters	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L53	123981	hybridization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2007/11/27 10:43
L54	32	L52 L53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L55	387	negin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L56	10	negin.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L57	0	negin.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L58	29	fire.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L59	15	fire.in. RNA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43
L60	4	fire.in. RNA computer\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/27 10:43

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## EAST Search History

L61	1	("5705335").PN.	USPAT; USOCR	OR	OFF	2007/11/27 10:43
L62	74517	double stranded	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2007/11/27 10:43
L63	158164	RNA	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2007/11/27 10:43
L64	12210	L62 L63	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	OFF	2007/11/27 10:43
L65	13324	L64 dsRNA	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/27 10:43
L66	229225	L65 DNA	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/27 10:43
L67	48762	sequence generat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	NEAR	ON	2007/11/27 10:43
L68	1	L65 L67	US-PGPUB; USPAT; USOCR; EPO; JPO	NEAR	ON	2007/11/27 10:43
L69	1410	L66 L67	US-PGPUB; USPAT; USOCR; EPO; JPO	NEAR	ON	2007/11/27 10:43
L70	2122	L65 L67	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	ON	2007/11/27 10:43
L71	46783	("702").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/27 10:43
L72	43	L69 L71	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/11/27 10:43

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L73	56	L70 L71	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2007/11/27 10:43
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